

# Geometry 1.6 Assignment Answer Bank

2 sometimes, 1 Always, 1 never	$35^\circ$ (#14)	$m\angle C = 142^\circ$ (#10)
$(-4, 6)$ (#30)	37	$m\angle C = 168^\circ$
$(1.75, -2.5)$ #31	53	$m\angle 6 = 44^\circ$
$(2.6, 7)$	67	$m\angle 6 = 84^\circ$ (#7)
$(3, -4)$ (#32)	143	$m\angle 6 = 153^\circ$
5	$145^\circ$ (#14)	$m\angle 7 = 96^\circ$ (#7)
$\approx 6.37$	157	$m\angle 7 = 136^\circ$
8 (#22)	A	$m\angle 7 = 142^\circ$ (#6)
8	B	$m\angle 8 = 38^\circ$ (#6)
$\pm 10$	B	$m\angle 8 = 44^\circ$
10	$m\angle A = 17^\circ$	$m\angle 8 = 153^\circ$
20	$m\angle A = 78^\circ$	$m\angle 9 = 27^\circ$
21	$m\angle A = 23^\circ$ (#11)	$m\angle 9 = 96^\circ$ (#7)
23	$m\angle B = 38^\circ$ (#10)	$m\angle 9 = 142^\circ$ (#6)
29	$m\angle B = 73^\circ$	
32	$m\angle C = 113^\circ$ (#11)	